

5. Import Pata, Copy Pata from Excel to R	
& have the data file as D. CSU D. txt better.	
=> te 9 19902 excel vorige v13730(?)	
> help (read.csv)	
	Ttiltosn
(SV) > data 1 & read. csi (file. choose (), header = TR	LUE)
=> \$\frac{1}{2} \tau \tau \tau \tau \tau \tau \tau \tau	F
7 data 1	
表格	
So a data 2 to read to blantfile it assert I indexe	T (0P = ",")
csy 7 data 2 <- read. table (file, choose (), header: 7 data 2	7,307
7]	
fxt) > data 3 < read . delim (file, choose (), head	er=T)
> data q < read table (file, chose (), head	er = T, sep = "(= ")
5. Using R studio to import excel data into R	
① . × l5 × ② . × l5	
file > import datase > excel & 25,3" > browse > 25	135 - import
# missing value = 1 空台 or 1000 => NAのところで どう表示する	
code previewをコピー 知明	入やできる
→新い73112でからく→2どかかreimport	
	建 角扩
6. Export Data from R	+ + + + + + + + + + + + + + + + + + +
write table 2197	
write table (Data To Export of file = "Exported File 4 7"- 4 4 13111/2	prine, cso (1 sers)
current working directory is threet-	row names = F
file = "/Users/ / / Exported File Name.	csv",
name of park to new folder	(10)
· write. USV → sep="," (Fugton	
o write. CSV 2	

```
7. Import, check & work with data in R
   7 help (read table) = 94 f7 = 22t
   >? read table
   Way Data 1 < read. table (file = " 7-7 712 ", header = TRUE, sep = "(=")
Way Data 2 4 read table (file, choose (), header=T, sep="ii)
   WAY(3)
19 only for P studio Impore dataser - from Text File - select & quote - character = 19 5 301
   7 dim (デンタな) 7[1] 725 6 7 head (データな) 最末9 659 ) Subser of dara
     4 numbers of rows & columns 7 tail (7"- 4 7a) $ ($ 63")
7 7-72 [c(5,6,7,8,9),)] 7 names (7-42)
                                フ性質の名前が現れる(Age, Height ecc.)
                                (variable)
            [-(4:122),]
AU
    8. Import, check, Work with data with R
or X > mean (Age) specify & extract data in Age" variable ) @ extract data
   0 7 mean (7-7 % DAge)
    3 attaching data
    7 attach (7-7%).
                                7 detach (7"-9%)
    7 mean (Age)
                      じまる
    7 Age
                     (Orilitely)
    7 class (Variableのを前)
                           > levels (variable n 2 my)
7 "numeric" integer" "factor"
                                 > "yes" "no" up "female" "nale"
                                   "0" "1"
7 5 mmary (7-4/2)
    7 x c (0,1,1,1,0,0,0,0,0) -> 7 x c as. factor (x)
                                        7 class (x)
    7 class (7)
                                        7 "factor"
    7 "unmeric"
                                        > summary (x) -> frequency:
    7 Summary (X)
                   -> median fyll
app
11
```

9. Subserving Para i	n P with Square Brackers row / 5'] column	3
7 mean (Age [Gender	== "formale 1)	
	[Gender == "femole",] column/4j	
	7 % [Gerder == "male" & Age > 15,]	P
lo. Logic Statement,	ebind and rbind Functions	D
>Age [1:5]	> temp 2 cr as. numeric (Age > 15)	D
7 6 18 16 145	7	
> temp < Age > 15	[1] 0 11 0 0	17
7 temp [1:5	7 Fem Snoke « Gender == "female" & Snoke == "yes"	0
, FTTFL	> LI F T FFT	0
> More Para & chind	(7" 4 %, Femson (e)	-
Column to fashio	rind 7 rm (list=(s()) = Workspace 清解	0
foishio		
11. Setting Up Working	g Pirectory in R	
gession > Ser WD >		
zgerwal()		
zserwoll		
z projecv WP (
7 serud (projecrw)		
12. Writing Spripus i	w P	
to-b → 17 #2 t3 1 - 9 - 2	zāvich3	
13. Installing Packag	es in t	
- install, packages ("	epiR") () to 1) to 2 to 2 to 3	
7 Selection : (1) Algo		
7 remove. packages (

